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INDEX TO AMERICAN BOTANICAL LITERATURE (1901-1905)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in its broadest sense.

Reviews, and papers which relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions their kindness will be appreciated.

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- Adams, C. C.** Postglacial origin and migrations of the life of the northeastern United States. — I. Jour. Geogr. 1: 303-310. S 1902; — II. Jour. Geogr. 1: 352-357. O 1902. [Illust.]
- Arthur, J. C.** Three edible toadstools. Ind. Agric. Exp. Sta. Bull. 98: 43-57. pl. 1-7. 1904.
- Atkinson, G. F.** The genera *Balansia* and *Dothichloe* in the United States, with a consideration of their economic importance. Jour. Myc. 11: 248-267. pl. 81-88. 22 D 1905.
- Brand, A.** Ueber einige Symplocaceen des Herbarium Delessert. Ann. Conserv. & Jard. Bot. Genève 7-8: 277-287. 15 Ap 1904.
- Briquet, J.** *Verbenaceae* Balansanae paraguayenses, ou énumération critique des Verbenacées récoltées par B. Balansa au Paraguay de 1874-1877 et de 1878-1884. Ann. Conserv. & Jard. Bot. Genève 7-8: 288-319. 1 My 1904.
Includes descriptions of new species in *Verbena* (3), *Lantana* (2), and *Lippia* (7).
- Buchenau, F.** *Alismataceae*. Das Pflanzenreich 4¹⁵: 1-66. f. 1-19. 25 Au 1903.
- Buchenau, F.** *Butomaceae*. Das Pflanzenreich 4¹⁶: 1-12. f. 1-5. 25 Au 1903.
- Buchenau, F.** *Scheuchzeriaceae*. Das Pflanzenreich 4¹⁴: 1-20. f. 1-9. 25 Au 1903.

- Cardot, J.** Mousses et coup d'oeil sur la flore bryologique des Terres magellaniques. 1-48. *pl.* 1-14. 1 S 1901.
Expédition Antarctique Belge : Résultats du voyage du S. Y. Belgica : Rapports scientifiques : Botanique.
- Chester, F. D. & Smith, C. O.** Notes on fungous diseases in Delaware. Del. Agric. Exp. Sta. Bull. 63 : 17-32. *pl.* 1-3. 1 F 1904.
- Clements, F. E.** Formation and succession herbaria. Univ. Stud. [Univ. of Nebraska] 4 : 329-355. O 1904.
- Clinton, G. P.** Diseases of plants cultivated in Connecticut. Rep. Conn. Agric. Exp. Sta. 1903 : 279-370. *pl.* 9-28. [1904.]
- Cogniaux, A.** *Orchidaceae* — VI. Flora Bras. 125 : 181-384. *pl.* 50-81. 15 My 1901.
Includes descriptions of new species in *Epidendron* (2), *Brassavola*, *Sophranitis*, and *Elleanthus* (2).
- Cogniaux, A.** *Orchidaceae* — VII. Flora Bras. 126 : 381-664. *pl.* 82-119. 15 D 1902.
- Conard, H. S.** *Nymphaea* (sub-gen. *Brachyceras* Casp.) in Africa. Ann. Conserv. & Jard. Bot. Genève 7-8 : 18-20. 15 My 1903.
With a description of *N. calliantha* sp. nov.
- Conzatti, C.** Taxinomia de las Orquídeas mexicanas. Mem. Soc. Ci. Ant. Alzate 21 : 249-272. "1904." [1905.]
- Coville, F. V.** List of publications of the Division of Botany. U. S. Dept. Agric. Bot. Circ. 30 : 1-10. My 1901.
- Cummings, M. B.** Fertilization problems : a study of reciprocal crosses. Maine Agric. Exp. Sta. Bull. 104 : 81-100. *f.* 10-18. Je 1904.
- Dalla Torre, K. W. von & Harms, H.** Genera *Siphonogamarum* ad systema Englerianum conscripta. 1 : 1-80. 1900; 2 : 81-160. 1900; 3 : 161-240. 1901; 4 : 241-320. 1901; 5 : 321-400. 1903; 6 : 401-480. 1904.
- Dewey, L. H.** Canada thistle (*Carduus arvensis* (L.) Robs.). U. S. Dept. Agric. Bot. Circ. 27 : 1-14. *f.* 1-4. Revised ed. Je 1901.
- Dudley, W. R.** Zonal distribution of trees and shrubs in the southern Sierra. Sierra Club Bull. 3 : 298-312. *f.* 1-6. Je 1901.
- Durand, T. & Jackson, B. D.** Index kewensis plantarum phanogamarum : supplementum primum. 1 : 1-120. [Brussels, 1902]; 2 : 121-224. Brussels, [1902]; 3 : 225-328. Brussels, [1903].
- Eisen, G.** The fig : its history, culture and curing, with a descriptive

- catalogue of the known varieties of figs. U. S. Dept. Agric. Pomology Bull. 9: 1-317. *pl.* 1-15 + *f.* 1-93. "1901." [F 1902.]
- Emerson, R. A.** Heredity in bean hybrids (*Phaseolus vulgaris*). Ann. Rep. Neb. Agric. Exp. Sta. 17: 33-68. 1904.
- Engelhardt, H.** Bemerkungen zu chilenischen Tertiärpflanzen. Abh. Nat. Ges. Isis 1905: 69-72. *pl.* 1. 1905.
Includes a description of *Erythroxylon Reichei* sp. nov.
- Engler, A.** Ueber floristische Verwandtschaft zwischen dem tropischen Afrika und America, sowie über die Annahme eines versunkenen brasilianisch-äthiopischen Continents. Sitz.-ber. Preuss. Akad. Wiss. 1905: 180-231. 16 F 1905.
- Grosser, W.** *Cistaceae*. Das Pflanzenreich 4¹⁹³: 1-161. *f.* 1-22. 19 My 1903.
- Halsted, B. D.** Report of the botanist. Ann. Rep. N. J. Agric. Exp. Sta. 24: 459-554. *pl.* 1-14. 1904.
- Heering, W.** Die *Baccharis*-Arten des Hamburger Herbars. Jahrb. Hamb. Wiss. Anst. Beih. 21³: 1-46. 1904.
- Hitchcock, A. S.** Bermuda grass. U. S. Dept. Agric. Agrost. Circ. 31: 1-6. *f.* 1, 2. [Ap] 1901.
- Holway, E. W. D.** Notes on *Uredineae*. IV. Jour. Myc. 11: 268. 22 D 1905.
- Hopkins, C. G.** Nitrogen bacteria and legumes. Ill. Agric. Exp. Sta. Bull. 94: 305-328. *f.* 1-5. F 1904.
- Hume, H. H.** Anthracnose of the pomelo. Fla. Agric. Exp. Sta. Bull. 74: 157-172. *pl.* 1-4. 1904.
- Hume, H. H.** Potato diseases. Fla. Agric. Exp. Sta. Bull. 75: 177-198. *pl.* 1-4. 1904.
- Kearney, T. H. & Cameron, F. K.** Some mutual relations between alkali soils and vegetation. 1-78. [F] 1902.
U. S. Dept. Agric. Rep. No. 71.
- Koehne, E.** *Lythraceae*. Das Pflanzenreich 4²¹⁶: 1-326. *f.* 1-59. 9 O 1903.
- Loew, O.** Catalase, a new enzym of general occurrence, with special reference to the tobacco plant. 1-47. [Mr] 1901.
U. S. Dept. Agric. Rep. No. 68.
- Longyear, B. O.** Fungous diseases of fruits in Michigan. Mich. Agric. Exp. Sta. Special Bull. 25: 1-68. *f.* 1-42. Mr 1904.
- MacKay, A. H.** Phenological observations in Nova Scotia and Canada, 1902. Proc. & Trans. Nova Scotian Inst. 11: 144-157. O 1904.

- Merrill, E. D.** Some Arizona grasses. U. S. Dept. Agric. Agrost. Circ. 32: 1-10. 22 Ap 1901.
New species are described in *Panicum*, *Bouteloua* and *Leptochloa*.
- Metcalf, H.** A soft rot of the sugar-beet. (*Bacterium teutlium* Metcalf.) 'Ann. Rep. Neb. Agric. Exp. Sta. 17: 69-116. f. 1-6. 1904.
- Mez, C.** *Theophrastaceae*. Das Pflanzenreich 4^{236a}: 1-48. f. 1-7. 19 My 1903.
- Monahan, N. F.** The influence of the atmospherical electrical potential on plants. Ann. Rep. Mass. Agric. Exp. Sta. 16: 31-36. f. 1. 1904.
- Morgan, A. P.** North American species of *Marasmius* (continued). Jour. Myc. 11: 233-247. 22 D 1905.
Includes a description of *M. nuptialis* sp. nov.
- Mutchler, F.** On the structure and biology of the yeast plant. (*Saccharomyces Cerevisiae*.) Jour. Med. Research 14: 13-50. pl. 3. N 1905.
- Nelson, E.** Native and introduced saltbushes. Wyo. Agric. Exp. Sta. Bull. 63: 1-19. Au 1904. [Illust.]
- Paddock, W.** Large potato vines and no potatoes. Colo. Agric. Exp. Sta. Bull. 92: 1-8. pl. 1, 2. 1904.
- Pammel, L. H.** The cedar apple fungi and apple rust in Iowa. Iowa Agric. Exp. Sta. Bull. 84: 1-36. f. 1-11. 1905.
- Pampanini, R.** Description d'une nouvelle Cunoniacee du Brésil. Ann. Conserv. & Jard. Genève 7-8: 328, 329. 1 My 1904.
Belangeria Chaberti sp. nov.
- Pilger, R.** *Taxaceae*. Das Pflanzenreich 4⁵: 1-124. f. 1-24. 8 D 1903.
- Porter, T. C.** Catalogue of the *Bryophyta* and *Pteridophyta* found in Pennsylvania. 1-66. Boston, 1904.
- Rolfs, F. M.** Potato failures: a second report. Colo. Agric. Exp. Sta. Bull. 91: 1-33. pl. 1-5. 1904.
- Schumann, K.** *Zingiberaceae*. Das Pflanzenreich 4⁴⁶: 1-458. f. 1-52. 4 O 1904.
- Scribner, F. L.** List of publications of the Division of Agrostology. U. S. Dept. Agric. Agrost. Circ. 36: 1-8. [J1] 1901.
- Scribner, F. L. & Ball, C. R.** Miscellaneous notes and descriptions of new species. U. S. Dept. Agric. Agrost. Bull. 24: 39-50. f. 14-23. 9¹Ja 1901.
With new species in *Andropogon* (2), *Panicum*, *Aristida* (2), and *Elymus* (4).

- Scribner, F. L. & Merrill, E. D.** Notes on *Panicum nitidum* Lam., *Panicum scoparium* Lam., and *Panicum pubescens* Lam. U. S. Dept. Agric. Agrost. Bull. **24**: 31-38. f. 8-13. 9 Ja 1901.
- Scribner, F. L. & Merrill, E. D.** Some recent collections of Mexican grasses. U. S. Dept. Agric. Agrost. Bull. **24**: 5-30. f. 1-7. 9 Ja 1901.
- New species are described in *Tripsacum*, *Andropogon*, *Paspalum* (2), *Panicum* (2), *Muhlenbergia*, *Agrostis*, *Tristachya*, *Leptochloa*, and *Elymus*.
- Selby, A. D.** Tobacco diseases and tobacco breeding. Ohio Agric. Exp. Sta. Bull. **156**: 87-114. f. 1-3 + pl. 1-8. N 1904.
- Sheldon, J. L.** A corn mold (*Fusarium moniliforme* n. sp.). Ann. Rep. Neb. Agric. Exp. Sta. **17**: 23-32. 1904. [Illust.]
- Sheldon, J. L.** Diseases of melons and cucumbers during 1903 and 1904. W. Va. Agric. Exp. Sta. Bull. **94**: 119-138. pl. 1-5. D 1904.
- Shriver, H.** List of wild flowers and trees in vicinity of Cumberland, Maryland. 1-38. Cumberland, Md., 1901.
- Starnes, H. N.** The plum in Georgia. Ga. Agric. Exp. Sta. Bull. **67**: 235-285. pl. 1-4 + f. 1-19. D 1904.
- Stephani, F.** Hépatiques. 1-6. 1 S 1901.
- Expédition Antarctique Belge: Résultats du voyage du S. Y. Belgica: Rapports scientifiques: Botanique.
- Stevens, F. L.** The history of the tobacco wilt in Granville County, North Carolina. U. S. Dept. Agric. Off. Exp. Sta. Bull. **142**: 166-168. 1904.
- Stone, G. E.** The influence of current electricity on plant growth. Ann. Rep. Mass. Agric. Exp. Sta. **16**: 13-30. f. 1, 2. 1904.
- Sturgis, W. C.** Remarkable occurrence of *Morchella esculenta* (L.) Pers. Jour. Myc. **11**: 269. 22 D 1905.
- Sudworth G. B.** Charles Mohr. 1824-1901. Proc. Wash. Acad. Sci. **5**: 403-405. 4 F 1904.
- Sumstine, D. R.** Another fly agaric. Jour. Myc. **11**: 267, 268. 22 D 1905.
- Thiselton-Dyer, W. T.** Index kewensis plantarum phanerogamarum: supplementum secundum. 1-104. Oxford, 1904.
- Van Hook, J. M.** Diseases of ginseng. Cornell Univ. Agric. Exp. Sta. Bull. **219**: 163-186. f. 18-42. Je 1904.
- Waldron, L. R.** Weed studies. N. Dak. Agric. Exp. Sta. Bull. **62**: 437-457. f. 1-5. N 1904.

- Whetzel, H. H.** Onion blight. Cornell Univ. Agric. Exp. Sta. Bull. 218: 135-161. *f.* 1-17. Ap 1904.
- Winkler, H.** *Betulaceae*. Das Pflanzenreich 4⁶¹: 1-149. *pl.* 1, 2 + *f.* 1-28. 17 Je 1904.
- Winton, A. L.** The anatomy and microscopic identification of the fruits of darnel and chess. Rep. Conn. Agric. Exp. Sta. 1903: 165-174. *f.* 1-8. [1904.]
- Winton, A. L.** The anatomy of certain oil seeds, with especial reference to the microscopic examination of cattle foods. Rep. Conn. Agric. Exp. Sta. 1903: 175-198. *f.* 9-26. [1904.]
- Wood, L. H.** Report on the region between the Northern Pacific Railroad and the Missouri river. Its topography, climate, vegetation, irrigation possibilities and coal deposits. State Geol. Surv. No. Dak. Bienn. Rep. 3: 41-125. *pl.* 8-24 + *map.* 1904.
Vegetation in the region, pages 80-87.
- Woods, A. F.** Observations on the mosaic disease of tobacco. U. S. Dept. Agric. Pl. Ind. Bull. 18: 1-24. *pl.* 1-6. 15 My 1902.
- Wootton, E. O.** Native ornamental plants of New Mexico. N. Mex. Agric. Exp. Sta. Bull. 51: 1-40. 1904. [Illust.]